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WILLIAMS 14

CLASSIFICATION SECRET  
SECURITY INFORMATION  
CENTRAL INTELLIGENCE AGENCY

REPORT NO. [REDACTED]

## INFORMATION REPORT

CD NO.

COUNTRY China

DATE DISTR. 21 Nov 1951

SUBJECT Development and Manufacture of Engines in  
Tientsin

NO. OF PAGES 1

PLACE  
ACQUIRED [REDACTED]NO. OF ENCLS.  
(LISTED BELOW)DATE OF  
INFO. [REDACTED]

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SUPPLEMENT TO  
REPORT NO.

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1. The Tientsin Motor Repair and Installation Plant is at 77 San Wei (三緯) Road, Nankai, Eleventh District, Tientsin. The director is MU Yu-sheng (木玉盛) and the deputy director is LI Chung-hai (李忠海). The plant employs 400 men. Originally spare parts for motors were made and 15 hp. railway motor carriages (sic) were assembled.
2. Now the plant is building the four cylinder water-cooled engine designated as model 5141.<sup>1</sup> This engine is based on the Ford engine, has a cylinder diameter of 3 3/16 inches, and a stroke of 3 3/4 inches. The compression ratio is six to one.
3. The Tientsin Machinery Plant<sup>2</sup>, a nationalized industry, began trying to design and make a 100 hp. mobile Diesel engine in January 1951. On 14 August it was successful. The engine has a cylinder diameter of 146 mm, a stroke of 204 mm, four cylinders, and turns at 1,000 rpm.<sup>3</sup>
4. Chinese factories have been able to make 10-15 hp. Diesel engines in the past, but this is the first time anyone has been able to produce any of 100 hp.

25X1A 1. [REDACTED]

25X1A 2. [REDACTED] The Tientsin Machinery Plant may possibly be the same as the Tientsin Motor Repair and Installation Plant, which is probably also the same as the Tientsin Automobile Manufacturing Plant.

25X1A 3. [REDACTED]

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No Change in Class. ☐☐ Declassified

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REPORT SUSPECT BUT NOT SPURIOUS

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